

The invisible hand for a more convenient world

Autonics

Sensors & Controllers

Learning Guide

**Switches, selectors,
pilot lamps and accessories**

Autonics

Sensors & Controllers



Products made in Korea





Corporate Concept



CORPORATE MISSION

Autonics, the leading expert in Industrial Automation (IA) field in Korea, provides advanced and productive IA solutions to achieve worldwide customer satisfaction.

CORPORATE MOTTO

Harmony and unity.
Diligence and sincerity.
Technological innovation.

CORPORATE MANAGEMENT POLICIES

CS Management.
Quality Management.
Global Management.
Environmentally Friendly Management.
Technologically Innovative Management.

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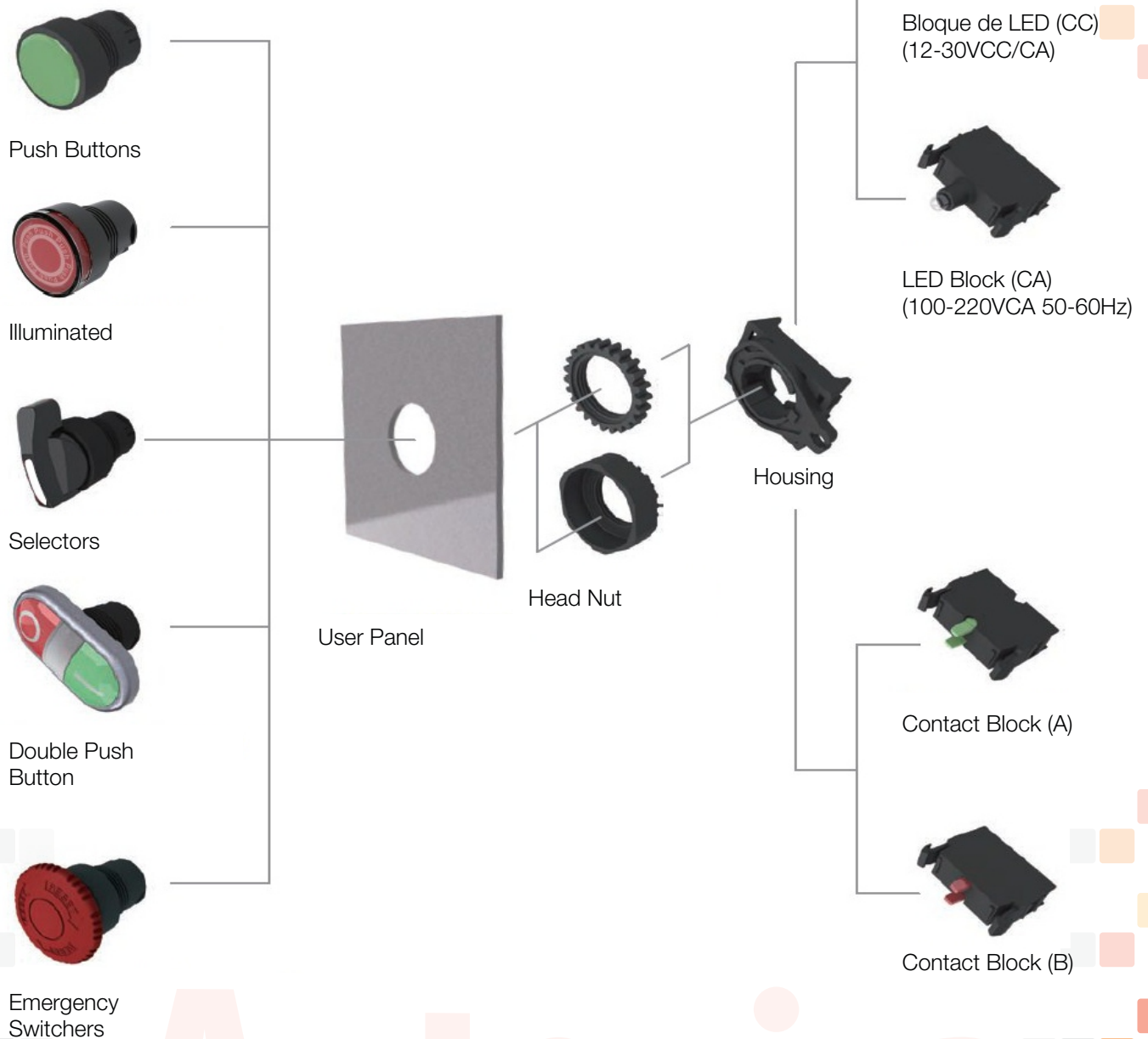
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Switches

S



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Reading
a code!

It's easy!
Your turn!

Try it out:



S2PR-P1GA

CE cULus

Letter **S** stands for **Switch**

S

Switch (Push Button)

Number means
diameter size

2

Ø 22 / 25

It stands for the device
appearance

PR

Push button switches (Non-Flush)

It means how the switch
is at work

P1

Auto spring return
(non-illuminated)

Only colours **available**

G

Letter **G** stands for **GREEN**

Contact Type
It could be A either B

A

A (Normal Open)
110VAC/10A, 250VAC/6A

Classification	Ordering Info							Description	
	①	②	③	-	④	⑤	⑥	⑦	
Model	S								Control Switches
Dimension		2							Ø 22 / 25
		3							Ø 30
Appearance			PR						Push button Non flush
			PF						Push button Flush
Operation				P1					Auto spring return (non-illuminated)
				P3					Auto spring return (illuminated)
Color					R				Red
					B				Blue
					G				Green
					Y				Yellow
					K				Black (Available for non-illuminated type only)
					W				White (Available for illuminated type only)
Contact / LED Block						A			A (Normal Open) 110VAC/10A, 250VAC/6A
						B			B (Normal Close) 110VAC/10A, 250VAC/6A
							D		LED 12-24VDC/AC
							L		LED 110-220VAC





Reading
a code!

It's easy!
Your turn!

Try it out:



CE cULus

S2SR-S3RA

Letter **S** stands for **Switch**

S Switch (Selector)

Number means
diameter size

2 Ø 22 / 25

It stands for the device
appearance

SR Selector Switches
(Non-Flush)

It means how the switch
is at work

S3 2 positions maintained
Short Lever

Only colours **available**

R Letter **R** stands for **RED**

Contact Type
It could be A either B

A A (Normal Open)
110VAC/10A, 250VAC/6A

Classification	Ordering Info							Description
Model	①	②	③	-	④	⑤	⑥	Control Switches
Dimension	S							Ø 22 / 25
		2						Ø 30
Appearance		3						
			SR					Selector Switches (Non-Flush) Ø 22
Operation			SF					Selector Switches (Flush) Ø 30
				S3				2 positions maintained (short lever)
				S4				2 positions maintained (long lever)
				S5				3 positions both auto spring return (short lever)
				S6				3 positions both auto spring return (long lever)
				S7				3 positions both maintained (short lever)
				S8				3 positions both maintained (long lever)
Color					R			Red
					W			White
Contact						A		A (Normal Open) 110VAC/10A, 250VAC/6A
						B		B (Normal Close) 110VAC/10A, 250VAC/6A



S2SR-S4WA



S3SF-S3RA



S3SF-S4WA



Reading a code!

Try it out:



S2TR-P3WABD

Letter **S** stands for **Switch**

S **Switch**
(Double Push Button)

Number means diameter size

2 **Ø 22 / 25**

It stands for the device appearance

TR **Double Push Button**

It means how the switch is at work

P3 Spring return type illuminated

Only colours available

W Letter **W** stands for **WHITE**

Contact

A A (normal abierto) 110VAC/10A 250VAC/6A

LED Block

D LED 12-24 VDC/AC

*It's easy!
Your turn!*

Classification	Ordering Info							Description
	①	②	③	-	④	⑤	⑥	
Model	S							Control Switches
Dimension		2						Ø 22 / 25
Appearance			TR					Double push button
Operation					P3			Spring return type illuminated
Color						W		White
Contact / LED Block							A	A (Normal open) 110VAC/10A, 250VAC/6A
							B	B (Normal close) 110VAC/10A, 250VAC/6A
							D	LED 12-24VDC/AC
							L	LED 110-220VAC

Start Push Button Switches



Reading a code!

Try it out:



S2BR-P1GA

Letter **S** stands for **Switch**

S **Switch**
(Start Push Button)

Number means diameter size

2 **Ø 22 / 25**

It stands for the device appearance

BR **Start Push Button**

It means how the switch is at work

P1 Spring return type non-illuminated

Only colours available

G Letter **G** stands for **GREEN**

Contact

A A (normal open) 110VAC/10A 250VAC/6A

*It's easy!
Your turn!*

Classification	Ordering Info							Description
	①	②	③	-	④	⑤	⑥	
Model	S							Control switches
Dimension		2						Ø 22 / 25
Appearance			BR					Start push button
Operation					P1			Spring return type non-illuminated
Color						G		Green
Contact / LED Block							R	Red
							A	A (Normal open) 110VAC/10A, 250VAC/6A
							B	B (Normal close) 110VAC/10A, 250VAC/6A



Reading
a code!

Try it out:



S2ER-E3RB

Letter **S** stands for **Switch**

S

Control Switches

Number means
diameter size

2

Ø 22 / 25

It stands for the device
appearance

ER

Emergency Switches

It means how the switch
is at work

E3

Head Ø40 Push-Lock
Turn-Reset

Only colours available

R

Letter **Y** stands for **YELLOW**

Contact Type
It could be A either B

B

B (Normal close)
110VAC/10A, 250VAC/6A - (SA-CB)

It's easy!
Your turn!

Classification		Ordering Info							Description	
		①	②	③	-	④	⑤	⑥	⑦	
	Model	S								Control switches
	Dimension		2							Ø 22 / 25
	Appearance			ER						Emergency switches
Operation / Head Type					E1					Head Ø30 (L) Push-Lock, Turn-Reset
					E2					Head Ø30 (S) Push-Lock, Turn-Reset
					E3					Head Ø40 Push-Lock, Turn-Reset
					E4					Head Ø40 Push-Lock, Turn-Reset (Illuminated)
					E5					Head Ø60 Push-Lock, Turn-Reset
	Color					R				Red
Contact / LED Block								A		A (Normal open) 110VAC/10A, 250VAC/6A - (SA-CA)
								B		B (Normal close) 110VAC/10A, 250VAC/6A - (SA-CB)
									D	LED 12-24VDC/AC - (Also SA-LD)
									L	LED 110-220VAC - (Also SA-LA)



S2ER-E1RB



S2ER-E2RB



S2ER-E4RB



S2ER-E5RB



→
**Reading
a code!**

↓
**It's easy!
Your turn!**

Try it out:



L2RR-L3GD

Letter **L** stands for **Lamp**

L

Pilot Lamps

Number means
diameter size

2

Ø 22 / 25

It stands for the device
appearance

RR

Round pilot lamps (Non-Flush)

It means how the switch
is at work

L3

FLAT HEAD

Only colours available

G


Letter **G** stands for **GREEN**

Contact type
It could be D either L

D

LED 12-24VDC/AC


Classification		Ordering Info							Description		
		①	②	③	-	④	⑤	⑥	⑦		
	Model	L								Pilot lamps	
Dimension			2							Ø 22 / 25	
			3							Ø 30	
Appearance				RR						Round pilot lamps (non-flush)	
				RF						Round pilot lamps (flush)	
Head type						L1				DOME HEAD	
						L2				HORN HEAD	
						L3				FLAT HEAD	
Color						R				Red	
						B				Blue	
						G				Green	
						Y				Yellow	
						W				White	
Contact								D		LED 12-24VDC/AC	
								L		LED 110-220VAC	



Ø 22


Dome type

Flat type






Ø 22

Flat type



Ø 30





L2RR-L1GD



L2RR-L2YD



L2RR-L3RD



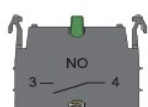
L3RF-L3GD



Contact Blocks

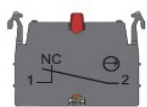
Classification	Ordering Info		Description
	①	②	
Model	SA		Accessories
Contact / LED Block		CA	A Contact (Normal open)
		CB	B Contact (Normal close)
		LD	LED Block (12-24VDC/AC)
		LA	LED Block (110-220VAC 50/60HZ)

SA CA A Contact



110VAC/10A, 250VAC/6A

SA CB B Contact



110VAC/10A, 250VAC/6A

SA CA A Contact



SA CB B Contact



Emergency Switch Nameplates



SA NS



Size: d60 x d25

SA CB



Size: d80 x d25

Classif.	Ordering		Description
	①	②	
Model	SA		Accessories
Appearance		NS	Nameplate small size
		NL	Nameplate large size

Protective Shrouds

for Emergency Switches

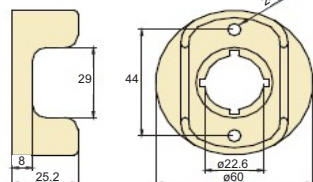


Classif.	Ordering			Description
	①	②	③	
Model	SA			Accessories
Appearance		EG		Emergency switch protective shrouds
Dimension			1	ø22, SMALL
			2	ø22, LARGE
			3	ø25, LARGE

Dimensions for small type



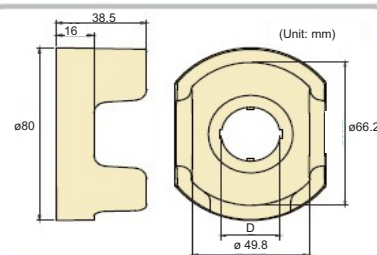
(Unit: mm)



Dimensions for large type



(Unit: mm)



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Autonics

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more at
our store!**





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